

DPM 333

KAMAN BEARING & SUPPLY CORP
FIRESTONE DR
SYRACUSE, NY 13221



DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) 55M GREASE

EMERGENCY TELEPHONE NO. (517) 496-5900

SECTION I - GENERAL INFORMATION

MANUFACTURERS NAME: DOW CORNING CORPORATION
ADDRESS: SOUTH SAGINAW ROAD, MIDLAND MI 48686

PROPER SHIPPING NAME(49CFR 172.101): NONE
D.O.T. HAZARD NAME(49CFR 172.101): NONE
D.O.T. ID NO(49CFR 172.101): NONE
D.O.T. HAZARD CLASS(49CFR 172.101): NONE
RCRA HAZARD CLASS(40CFR 261)(IF DISCARDED): NONE
E.P.A. PRIORITY POLLUTANTS(40CFR 122.53): NONE
NFPA = NATIONAL FIRE PROTECTION ASSOCIATION - 704
HEALTH (NFPA): 1 FLAMMABILITY (NFPA): 1 REACTIVITY (NFPA): 0
CAS NO: MIXTURE DOW CORNING WARNING CODE: 76
GENERIC DESCRIPTION: LUBRICANT

SECTION II - HAZARDOUS INGREDIENT

NONE PRESENT % TLV (UNITS):

ONLY THOSE INGREDIENTS LISTED IN THIS SECTION HAVE BEEN DETERMINED TO BE HAZARDOUS AS DEFINED IN 29 CFR 1910.1200. AN INGREDIENT MARKED WITH AN ASTERISK(*) IS ALSO LISTED IN 29 CFR 1910.1200(D) #4 AS KNOWN OR SUSPECTED CARCINOGEN.

COMMENT: NONE

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) 55M GREASE

SECTION III - EFFECTS OF OVEREXPOSURE

EYES: MAY CAUSE TEMPORARY DISCOMFORT.

SKIN: SINGLE, PROLONGED EXPOSURE (HOURS) CAUSES NO KNOWN EFFECT. SEVERAL REPEATED, PROLONGED EXPOSURES MAY CAUSE SLIGHT IRRITATION.

INHALATION: NO IRRITATION TO NOSE OR THROAT EXPECTED. NO INJURY IS LIKELY FROM RELATIVELY SHORT EXPOSURE.

ORAL: AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS, ETC., DURING NORMAL OPERATIONS SHOULD NOT CAUSE INJURY.

COMMENT: NO KNOWN ADVERSE CHRONIC HEALTH EFFECTS, BUT UNNECESSARY EXPOSURE TO ANY CHEMICAL SHOULD BE AVOIDED.

THIS PRODUCT, AS WITH ANY CHEMICAL, MAY ENHANCE ALLERGIC CONDITIONS ON CERTAIN PEOPLE. WE DO NOT KNOW OF ANY MEDICAL CONDITIONS THAT MIGHT BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER.

SKIN: WIPE OFF AND FLUSH WITH WATER.

INHALATION: NO PROBLEM.

ORAL: NO PROBLEM.

COMMENT: NONE

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): OPEN CUP ABOVE 250°F/121°C

AUTOIGNITION: NOT DETERMINED

FLAMMABILITY LIMITS IN AIR : LOWER:N.A. UPPER: N.A.

EXTINGUISHING MEDIA: WATER WATER FOG X CO2 X DRY CHEMICAL X FOAM X OTHER

SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN TO DOW CORNING

COMMENTS: N.A. - NOT APPLICABLE

SECTION VI - PHYSICAL DATA

BOILING POINT(@ 760 MM HG): ABOVE 300°F/149°C.

SPECIFIC GRAVITY (AT 77 DEG F/25 DEG C): 1.1

MELTING POINT: NOT APPLICABLE

VAPOR PRESSURE (AT 77 DEG F/25 DEG C): LESS THAN 5 MM.

VAPOR DENSITY (AIR = 1 AT 77 DEG F/25 DEG C): NOT APPLICABLE

PERCENT VOLATILE BY VOLUME (%): LESS THAN 5%

EVAPORATION RATE (ETHER = 1): LESS THAN 1

SOLUBILITY IN WATER(%): LESS THAN 0.1%

ODOR, APPEARANCE, COLOR: VERY LITTLE ODOR, GREASE, DARK BROWN

NOTE: THE ABOVE INFORMATION IS NOT INTENDED FOR USE IN PREPARING PRODUCT SPECIFICATIONS. CONTACT DOW CORNING BEFORE WRITING SPECIFICATIONS

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) 55M GREASE

SECTION VII - REACTIVITY DATA

STABILITY: STABLE

INCOMPATABILITY(MATERIAL TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION.

CONDITIONS TO AVOID: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS: METAL OXIDES, SILICON DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NOT APPLICABLE

COMMENTS: NONE

SECTION VIII - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL LIKE RESIDUES.

PROTECTIVE EQUIPMENT:

EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.

SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION REQUIRED.

WASTE DISPOSAL METHOD: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL QUESTIONS.

D.O.T. (49CFR 171.8)/E.P.A. (40CFR 117) SPILL REPORTING INFORMATION

HAZARDOUS SUBSTANCE: NONE REPORTABLE QUANTITY: NOT APPLICABLE

CONCENTRATION OF HAZARDOUS SUBSTANCE: NOT APPLICABLE

REPORTABLE QUANTITY OF PRODUCT: NOT APPLICABLE

COMMENTS: NONE

SECTION IX - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:

EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.

SKIN *: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION REQUIRED.

VENTILATION:

LOCAL EXHAUST: NONE

MECHANICAL (GENERAL): RECOMMENDED

SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING, USE AT ELEVATED TEMPERATURE MAY REQUIRE ADDED PRECAUTIONS.

* GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

COMMENTS: NONE

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE REASONABLE CARE AND CAUTION.

OTHER PRECAUTIONS: NONE KNOWN TO DOW CORNING.

COMMENTS: TRACES OF BENZENE, FORMALDEHYDE, AND OTHER THERMAL DECOMPOSITION PRODUCTS MAY FORM AT TEMPERATURES ABOVE 150 C IN THE PRESENCE OF AIR. PROVIDE ADEQUATE VENTILATION WHEN HANDLING AT ELEVATED TEMPERATURES.

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) 55M GREASE

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED BY: JACK L. SHENEBERGER

LAST REVISION DATE: OCTOBER 1, 1985

PREVIOUS REVISION DATE: JANUARY 21, 1981

DATE: NOVEMBER 15, 1985

(R) INDICATES REGISTERED OR TRADEMARK OF THE DOW CORNING CORPORATION.

DOW CORNING

DOW CORNING U.S.A.

November 1985

MIDLAND, MICHIGAN 48640-0994

Telephone: (517) 496-4000

Subject: Material Safety Data Sheets

Dear Customer:

We are enclosing a Material Safety Data Sheet for a product you purchase from us.

You are probably aware of developments regarding worker "Right-To-Know" laws and the OSHA Hazard Communication Standard. The development of Material Safety Data Sheets (MSDS) and their dissemination to the purchaser of hazardous materials are among the principal means of achieving an effective hazard communication program.

Although most of our products are not hazardous, we will continue to provide our customers with MSDS on all products purchased or sampled. We will use a computerized system which provides automatic generation and mailing when a first-time order for either a sales or no-charge sample order is received. If a MSDS is revised, customers will automatically receive the updated version if the product has been purchased in the previous twelve months.

Dow Corning's MSDS will be mailed in an envelope highlighted in red printing, "IMPORTANT - CONTAINS OSHA HAZARD INFORMATION FOR MATERIALS ORDERED. PLEASE ROUTE TO PROPER PERSON." For the MSDS to be an effective means of hazard communication, its information must be passed along to all who handle or use the product and/or are involved with the design, implementation or control of operations involving the product.

When a Dow Corning product is resold in the original package with a Dow Corning label, the reseller is responsible for ensuring that the MSDS is provided to its purchaser. If you use Dow Corning products in your formulations, the information contained in the MSDS may be utilized in the hazard evaluation of your product.

Dow Corning is committed to providing current accurate and adequate health and safety information on its products. This commitment to Product Stewardship is a cornerstone of our Code Of Business Conduct.

If you have any questions concerning this MSDS, please write: Dow Corning Corporation, Quality Development/Administration - MSDS, Mail No. 140, P.O. Box 995, Midland, MI. 48640.

We appreciate your continued business. All of us are committed to providing products and services that meet your requirements.

Very truly yours,



M.E. Nelson
Vice President and Director Of Quality Management